

1.4.10 2008 Emissions Summary Table for U.S. Buildings Energy Consumption (Thousand Short Tons) (1)

	Buildings			U.S. Total	Buildings Percent of U.S. Total
	<u>Wood/SiteFossil</u>	<u>Electricity</u>	<u>Total</u>		
SO ₂	561	6,996 (2)	7,557	13,770	55%
NO _x	723	2,609	3,332	18,226	18%
CO	3,265	493	3,758	100,552	4%
VOCs	1,364	37	1,401	17,383	8%
PM-2.5	388	364	752	4,574	16%
PM-10	439	450	889	18,420	5%

Note(s): 1) VOCs = volatile organic compounds; PM-10 = particulate matter less than 10 micrometers in aerodynamic diameter. PM-2.5 = particulate matter less than 2.5 micrometers in aerodynamic diameter. CO and VOCs site fossil emissions mostly from wood burning. 2) Emissions of SO₂ are 28% lower for 2002 than 1994 estimates since Phase II of the 1990 Clean Air Act Amendments began in 2000. Buildings Energy Consumption related to SO₂ emissions dropped 27% from 1994 to 2002.

Source(s): EIA, Annual Energy Outlook 2011 Early Release, Dec. 2010, Summary Reference Case Tables, Table A2, p. 3-5; and EPA, 1970-2006 National Emissions Inventory, Average Annual Emissions, All Criteria Pollutants, July 2007.